United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

02/11/2005

Barry W. Chapin, Esq. CHAPIN & HUANG, L.L.C. Westborough Office Park 1700 West Park Drive Westborough, MA 01581 EXAMINER
ENG. DAVID Y

ENG, DAVID Y

PAPER NUMBER

ART UNIT

DATE MAILED: 02/11/2005

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/002 580	11/15/2001	Suchitra Raman	CIS01-22(4685)	1253

TITLE OF INVENTION: METHODS AND APPARATUS FOR CONTROLLING THE TRANSMISSION OF STREAM DATA

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$0	\$1400	05/11/2005

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status above is to be removed, check box 5b on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.
- II. PART B FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE **Commissioner for Patents** P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (703) 746-4000

INSTRUCTIONS: This for appropriate. All further cor indicated unless corrected a maintenance fee notification	rm should be used for trans respondence including the I below or directed otherwise as.	smitting the ISSU Patent, advance or in Block 1, by (a	JE FEE and PUBLIC ders and notification) specifying a new c	CATION FEE (if req of maintenance fees orrespondence addres	uired). Blocks 1 through 5 s will be mailed to the current s; and/or (b) indicating a sepa	hould be completed where correspondence address as arate "FEE ADDRESS" for	
	E ADDRESS (Note: Use Block 1 for 590 02/11/2005	any change of address)		Fee(s) Transmittal. T papers. Each addition	of mailing can only be used for his certificate cannot be used hal paper, such as an assignment	for any other accompanying	
					te of mailing or transmission.		
Barry W. Chapin, CHAPIN & HUAN				I hereby certify that	ertificate of Mailing or Trans this Fee(s) Transmittal is bein	s mission g deposited with the United	
Westborough Offic	•			States Postal Service	this Fee(s) Transmittal is bein with sufficient postage for fir ail Stop ISSUE FEE address PTO (703) 746-4000, on the c	st class mail in an envelope	
1700 West Park Dr				transmitted to the US	PTO (703) 746-4000, on the o	late indicated below.	
Westborough, MA	01581					(Depositor's name)	
						(Signature)	
						(Date)	
APPLICATION NO.	FILING DATE		FIRST NAMED INVEN	ITOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/002,580	11/15/2001		Suchitra Raman		CIS01-22(4685)	4253	
TITLE OF INVENTION: M	ETHODS AND APPARATI						
	SMALL ENTITY	ISSUE FI		JBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE	
nonprovisional	NO	\$1400)	\$0	\$1400 	05/11/2005	
EXAM	INER	ART UN	IT C	LASS-SUBCLASS			
ENG, D	AVID Y	2155		709-231000			
CFR 1.363). Change of correspond Address form PTO/SB/12 "Fee Address" indicat PTO/SB/47; Rev 03-02 c Number is required. ASSIGNEE NAME AND	e address or indication of "Fe lence address (or Change of 0 22) attached. ion (or "Fee Address" Indica or more recent) attached. Use RESIDENCE DATA TO Bl	Correspondence tion form of a Customer E PRINTED ON T	(1) the names of or agents OR, alte (2) the name of a registered attorney 2 registered paten listed, no name with the PATENT (print of the patent).	single firm (having as y or agent) and the nan t attorneys or agents. I ll be printed.	a member a mes of up to	ocument has been filed for	
(A) NAME OF ASSIGNI	EE	(В) RESIDENCE: (CIT	Y and STATE OR CO	DUNTRY)		
Please check the appropriate	assignee category or categor	ries (will not be pri	inted on the patent):	Individual 🔲 (Corporation or other private gre	oup entity Government	
4a. The following fee(s) are	enclosed:	4b	. Payment of Fee(s):		· · · · · · · · · · · · · · · · · · ·		
Issue Fee		_	_	mount of the fee(s) is e			
Publication Fee (No small entity discount permitted) Advance Order - # of Copies			☐ Payment by credit card. Form PTO-2038 is attached. ☐ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to				
Advance Order - # of	Copies		Deposit Account Nu	mber	charge the required fee(s), or enclose an extra c	credit any overpayment, to opy of this form).	
•	(from status indicated above		_				
	MALL ENTITY status. See 3				ALL ENTITY status. See 37 C		
The Director of the USPTO NOTE: The Issue Fee and Puinterest as shown by the reco	is requested to apply the Issu ublication Fee (if required) words of the United States Pate	e Fee and Publicat rill not be accepted nt and Trademark	tion Fee (if any) or to I from anyone other to Office.	re-apply any previous han the applicant; a re	sly paid issue fee to the applica gistered attorney or agent; or the	ation identified above. ne assignee or other party in	
Authorized Signature				Date			
Typed or printed name							
This collection of information an application. Confidentialists by mitting the completed ap	n is required by 37 CFR 1.31 ty is governed by 35 U.S.C. plication form to the USPTO	1. The informatio 122 and 37 CFR D. Time will vary	n is required to obtain 1.14. This collection depending upon the	or retain a benefit by is estimated to take 12 individual case. Any o	the public which is to file (and minutes to complete, includir comments on the amount of times.)	d by the USPTO to process) ng gathering, preparing, and me you require to complete	

this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO. ,	
10/002,580	11/15/2001	Suchitra Raman	CIS01-22(4685)	4253	
7590 02/11/2005			EXAMINER		
Barry W. Chapin,		ENG, DAVID Y			
CHAPIN & HUANG, L.L.C. Westborough Office Park			ART UNIT	PAPER NUMBER	
1700 West Park Dr	700 West Park Drive				
Westborough, MA	01581	DATE MAILED: 02/11/2005			

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 758 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 758 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571) 272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.